

Sensitivity of certain tests for phenols. V. M. Platovskaya and S. G. Vatkina. *J. Applied Chem.* (U.S.S.R.) 10, 202-7 (in German) 207 (1937). Of phosphomolybdic acid, phosphotungstic acid, Millon's reagent and Na nitroprusside, the first is the most sensitive color reagent for phenols; in the presence of NH_4I part in 2,000. Compds. of mixed function (adrenaline, vanillin, isoungenol, guaiacol, cresols), as well as α - and β -naphthol and thymol, give color reactions with phosphomolybdic acid in the presence of NH_4I ; these compds. do not give a color with phosphotungstic acid. Millon's reagent and Na nitroprusside give colors with only certain phenols; they do not give colors with the above-mentioned compds. of mixed function.

A. A. Podgorny

1ST AND 2ND ORDERS																										PROCESSES AND PROPERTIES INDEX																									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
Sensitivity of certain color tests for aldehydes and ketones V. M. Platkovskaya and S. G. Vatkina. <i>J. Applied Chem. (U.S.S.R.)</i> 10, 955-8 (in German 1956, 1957). Reactions for aldehydes and ketones with $(\text{NH}_4)_2\text{MoO}_4$, phosphomolybdic acid and $\text{m-C}_6\text{H}_4\text{NO}_2$ were investigated. The most sensitive reaction is that with $(\text{NH}_4)_2\text{MoO}_4$ (1:200,000). In the presence of NH_4OH ketones (except Me_2CO) do not produce color with phosphomolybdic acid. Seven references. A. V. P.																																																			
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION																																																			

1ST AND 2ND ORDERS

PROCESS AND PROPERTIES INDEX

12-3

BC

Sensitivity of colour reactions for phenols.
V. M. PLATKOVSKAJA and S. G. VATKINA (J. Appl. Chem. Russ., 1937, 10; 202-207).—Min. concns. of substance giving a detectable blue colour with phosphomolybdic acid and aq. NH_3 are: PhOH , *o*- and *m*- $\text{C}_6\text{H}_4(\text{OH})_2$, 1:2:3. (I), 1:2:4. (II), and 1:2:5. $\text{C}_6\text{H}_3(\text{OH})_3$ (III), *o*- $\text{C}_6\text{H}_4\text{OH}$, and isoeugenol 0.0005; cresol and quinol 0.0005; *p*- $\text{C}_6\text{H}_4\text{OH}$, thymol, and adrenaline 0.005; guaiacol carbonate 0.05; vanillin 0.1; salicylic acid 0.5%. The vals. with phosphotungstic acid and aq. NH_3 are: *o*- and *p*- $\text{C}_6\text{H}_4(\text{OH})_2$ and (I) 0.0005; *m*- $\text{C}_6\text{H}_4(\text{OH})_2$ and (II) 0.005; PhOH 0.5%, and with Millon's reagent: PhOH and cresol 0.0005; *o*- $\text{C}_6\text{H}_4(\text{OH})_2$ 0.05; (I) 0.5; (III) 5%.
R. T.

COMMON ELEMENTS

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESS AND PROPERTIES INDEX

1ST AND 2ND ORDERS																									
COMMON ELEMENTS													PROCESSES AND PROPERTIES INDEX												
BC Application of copper salts of polyhydric alcohols to the detection and determination of reducing sugars. V. M. PLATKOVSKAJA and T. I. VACHORNO (J. Appl. Chem. Russ., 1936, 9, 177-181).—Glycerol and mannitol may be substituted for Na K tartrate in Fehling's solution. R. T.																									
ASR-51A METALLURGICAL LITERATURE CLASSIFICATION REGION 51V-B311A																									

PLATROVSKAYA, V. M.

brief course of laboratory work in organic chemistry, Moskva, Gos. izd-vo Khim.
1924 52 p. (Spetsial'nye potentsialy dlia vysshel shagov, 1924-1926)

00255.F69

PLATITSYN, N. Lt. Col.

"Infantry Weapons in the American Army," *Voyemnye Znaniya*, No.11, 1955

PLATKOVSKIY, V.

Protetarian internationalism, the militant banner of workers of all
countries. Komm. Vooruzh. Sil 4 no.17:8-17 S '64. (MIRA 17:12)

L 04672-67

ACC NR: AP6024455

the depth of the relaxation of Young's modulus. The relations obtained were found to be in qualitative agreement with the Granato-Lucke theory. A hysteresis was observed in the Young's modulus relaxation in the amplitude-dependent region. The influence of prior plastic deformation and of the temperature was investigated. A qualitative explanation of the observed results is presented. Orig. art. has: 8 figures and 2 formulas.

SUB CODE: 20/ SUBM DATE: 01Oct65/ ORIG REF: 003/ OTH REF: 004

kh

Card 2/2

L 04672-67 EWT(1)/EWT(m)/T/EWP(t)/ETI IJP(c) 00/30
 ACC NR: AP6024455

SOURCE CODE: UR/0181/66/008/007/1994/2000

AUTHOR: Platkov, V. Ya.; Startsev, V. I.

ORG: Physicotechnical Institute of Low Temperatures, AN UkrSSR, Khar'kov (Fiziko-
 tekhnicheskii institut nizkikh temperatur AN UkrSSR)

TITLE: Amplitude and time dependences of the internal friction in ionic crystals

SOURCE: Fizika tverdogo tela, v. 8, no. 7, 1966, 1994-2000

TOPIC TAGS: internal friction, ionic crystals, crystal dislocation phenomenon, Young
 modulus, relaxation process, plastic deformation, temperature dependence

ABSTRACT: The authors present the results of an investigation of internal friction
 due to the presence of dislocations in single-crystal KBr, KCl, RbI, and in part NaCl.
 The internal friction and Young's modulus were measured using a double compound oscil-
 lator in which the ultrasonic oscillations were produced by X-cut quartz excited in
 the natural longitudinal mode (77.7 and 90.5 kcs). The sample was cleaved along the
 cleavage plane and glued to the quartz. The different crystals were made of different
 lengths, such that the difference between their natural frequencies and the natural
 frequency of the quartz did not exceed 500 cps. The measurements were made at 4.2,
 77, and 273K, maintained constant within $\pm 0.1^\circ$. Plots were obtained of the internal
 friction and Young's modulus against the amplitude of the strain, the variation of
 Young's modulus during excitation, the variation of the depth of relaxation of the
 modulus as a result of prior plastic deformation, and the influence of temperature on

Card 1/2

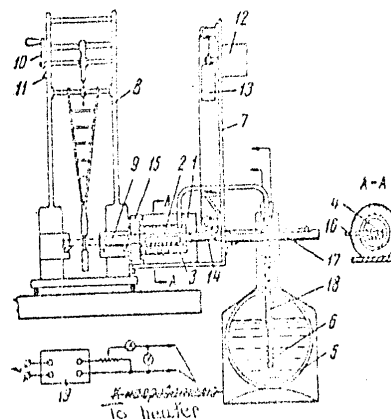


Figure 1. Scheme of attachment to a Type MK-05 impact testing machine for determining the impact ductility of materials at low temperatures.

SUB CODE: 1120/SUM DATE: none/ ORIG REF: 002/ OTH REF: 001

REF ID: A7001702

SOURCE CODE: UR/0032/66/032/512/1522/1523

AUTHOR: Brachvatilov, A. I.; Platkov, V. Ya.; Trikoza, A. I.; Moskalenko, V. A.

ORG: Science-Technological Institute for Low Temperatures, AN UkrSSR (Fiziko-
tekhnicheskii institut nizkikh temperatur AN UkrSSR)

TITLE: Attachment to pendulum-type impact testing machines for determining impact
ductility at low temperatures

SOURCE: Zavodskaya laboratoriya, v. 32, no. 12, 1966, 1522-1523

TOPIC TAGS: impact test, ductility, metallurgic testing machine

ABSTRACT: The article describes the details of a newly developed attachment to a Type
M-05 impact testing machine, which makes it possible to carry out tests at
temperatures in the range of 77-300°K, and a mechanism for the automatic feeding of the
sample from the cryostatic chamber onto the testing stand. A scheme of the unit is
shown in Figure 1. In experiments carried out with cryostats of different volumes
(from 170 to 1300 cm³) it was established that the temperature in the cryostat is
determined only as a function of the power of the heater. The unit described in the
article makes it possible to carry out slow cooling of three samples, and subsequent
testing at determined temperatures. Orig. art. has: 2 figures.

Card 1/2

UDC: 620.178.7.29

PLATKOV, M.A.; ILLARIONOV, S.V.

Analytic design of a mechanical selector of molecular beams.
Prib. i tekhn. eksp. 7 no.2:133-136 Mr-Apr '62. (MIRA 15:5)

1. Moskovskiy fiziko-tekhnicheskii institut i Nauchnyy institut
po udobreniyam i insektofungitsidam.
(Molecular beams)

S/080/62/035/012/002/012
D444/D307

AUTHORS: Platkov, M.A., Illarionov, V.I., Kononov, V.A.,
Kunin, K.V. and Evenchik, S.D.

TITLE: Separation of sulfur and selenium in packed and
plate columns and the efficiencies

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 12, 1962,
2620-2624

TEXT: The object of this work was to fill the lack of
information on plate efficiency or the proportionality coefficient
between a theoretical plate and unit height of packing. This infor-
mation is needed for sulfur-selenium separation column design. The
material used was sulfur containing 0.4% As, 0.03% Se, 0.02% Te,
bitumen and ash; a Se-enriched variety (0.044% Se) was also used.
It was found that one theoretical plate corresponds to 27 cm of
packed column with a reflux number of 2.6 and 5 x 4.3 x 0.3 and
7.8 x 8.5 x 0.3 mm packing. The efficiency of columns with 'sieve'
and 'bubble-cap' plates was 6.5 and 0.31, respectively. With the

Card 1/2

L 12638-65

ACCESSION NR: AR4044034

vapors. The distribution functions are easily determined using a velocity selector; to detect the beam it is proposed to use a method of weakening the intensity of the electron beam scattered in the molecular beam.

SUB CODE: NP

ENCL: 00

Card 2/2

112638-65 BT(1)/T LP(a)
ACCESSION NR: AR4044014

S/0058/83/000/011/D017/D017

SOURCE: Ref. zh. Fizika, Abs. 11D150

AUTHOR: Ilarionov, S. V.; Platkov, M. A.

TITLE: A method of detecting beams of neutral molecules, and calculation of the equilibrium composition of the gaseous phase

CITED SOURCE: Tr. Nauchn. in-ta po udobr. i insektofungitsidam. M., 1963, 3-8

TOPIC TAGS: neutral molecule, neutral molecule beam, equilibrium composition, gaseous phase, effusion beam

TRANSLATION: If it is assumed that the composition of an effusion beam uniquely reflects the composition of the gas in the beam-source chamber, then measurement of the molecule distribution function by velocities in the beam makes it possible to obtain information on the composition of the equilibrium

Card 1/2

PLATKOV, I.D.

Comprehensive planning of engineering installations. Gor.khoz.
Mosk. 36 no.6:26-27 Je '62. (MIRA 15:8)

1. Glavnyy inzhener l-y masterskoy instituta "Mosinzhproyekt."
(Moscow--Municipal engineering)

PLATKOV, G.D., inzhener.

Landscaping open areas around apartment houses. Gor.khoz.Mosk.

24 no.4:16-20 Ap '50.

(MLRA 7:10)

(Moscow--Landscape architecture) (Landscape architecture--
Moscow)

PLATITSYNA, T.I.

Nakhodka Station. Zashch. rast. ot vred. i bol. 8 no.9:44 S
'63. (MIRA 16:10)

1. Starshiy inspektor Nakhodkinskogo punkta.

PLATITSYN, N.A.

Concerning losses of electric power in the discharge resistances
of the batteries of static condensers. Prom. energ. 15 no.7:8-10
J1 '60. (MIRA 15:1)

(Condensers (Electricity))
(Electric power)

PLATITSYN, N., podpolkovnik.

Infantry firearms of the United States Army. Voenn. znani. 31 no. 11:
20-21 N '55. (MLRA 9:5)

(U.S. Army--Firearms)

PLATITSYN, N., podpolkovnik.

gentle or 06/23/11: CIA-RDP86-00513R001341200036-6

Infantry firearms of the United States Army. Voenn. znani. 31 no. 11:
20-21 N '55. (MLRA 9:5)

(U.S. Army--Firearms)

PANFILOV, G.; ~~PLATITSIN, V.~~ yurist, Geroy Sovetskogo Soyuz

Important role of a public inspector. Okhr. truda i
sots. strakh. 3 no. 10:44-45 0 '60. (MIRA 13:11)

1. Predsedatel' komissii okhrany truda zavkoma 1-go
Gosudarstvennogo podshipnikovogo zavoda.
(Bearing industry--Hygienic aspects)

PLATITSIN, N.N., polkovnik; VIL'CHINSKIY, I.K., polkovnik, red.;
MYASNIKOVA, T.F., tekhn.red.

[Firing manual; Makarov 9-mm. pistol (PM)] Nastavlenie po
strelkovomu delu; 9-mm pistol Makarova (PM). Izd.3, ispr.
Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 92 p. (MIRA 13:4)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony.
(Pistols)

SAVCHENKO, Sergey Stepanovich, general-mayor; ALEKSANDROV, Anatoliy Aleksandrovich, polkovnik; GRECHIKHIN, Aleksey Fedorovich, polkovnik; PLATITSIN, Nikolay Nikitich, polkovnik; VIL'CHINSKIY, I.K., polkovnik, red.; SOLOMONIK, R.L., tekhn. red.

[Field firing for the personnel of small units] Boevye strel'-
by v sostave podrazdelenii. Moskva, Voen.izd-vo M-va oborony
SSSR, 1961. 156 p. (MIRA 15:3)

(Shooting, Military)

PLATITSIN, N., podpolkovnik.

Small arms of the British army. Voenn. znaniye. 32 no.2:28-29 F '56.

(MLA 9:5)

(Great Britain--Army--Firearms)

KRCILEK, A.; CERVENY, O.; PODZIMEK, A.; BOREK, Z.; PLATILOVA, H.

Postphlebotic syndrome. Cas. lek. cesk. 97 no.45:1410-1415 7 Nov 58.

1. IV. interni klinika KU prednosta prof. MUDr. Boh. Prusik clen
korespondent CSAV. II. chirurgicka klinika KU prednosta akademik
prof. MUDr. J. Divis. O. C. Praha 2 U nemocnice 499/2.

(PHLEBITIS, compl.
postphlebotic synd. (Cz))

CZECHOSLOVAKIA / Human and Animal Morphology (Normal and Pathological). Method and Technique of Investigations. S

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 12218

Author : Krcilek, A.; Platilova, H.

Inst : -

Title : Infrared Photography of Subcutaneous Veins.

Orig Pub : Vnitřní Lekarství, 1956, 2, No. 5, 439-444

Abstract : A description of the method of intravital IR-photography, a survey of the literature and personal experiments in its application for discovery of subcutaneous veins and venous plexuses.

Card 1/1

MUTAFTSCHIEW, B. [Mutavchiev, B.]; PLATIKANOVA, W. [Platikanova, V.]

On kinetic forming crystal nucleus in solution. Doklady BAK 14,
no.7:695-698 '61.

1. Institut für physikalische Chemie an der Bulgarischen Akademie
der Wissenschaften. Vorgelegt von Akademiestmitglied R. Kaischew
[Kaishev, R.].

(Kinetics) (Crystallization)

MALINOVSKI, I.; PLATKANOVA, V.; PETKANCHIN, I.

Model studies of the influence of admixtures on the
photographic process. Izv Inst fiz khim 3: 119-131 '63.

1. Institut po fizikokhimiia pri Bulgarskata akademiia
na naukite.

PLATIKANOV, N.

Evaluation of protein nutrient value in foods and fodder.
Sel'skoston nauka 2 no.5/6:678-691 '63.

ILLEGIBLE

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200036-6

PLATIKANOV, N.

"Organization and Evaluation of Labor on Sheep Breeding Farms and on Collective Farms."
p. 217, Izvestiia, Sofiya, Vol. 5, 1954

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200036-6

PLATIKANOV, N.

"Professor Zhelju Ganchev; a profile" (p.95) PRIRODA
(Bulgarska Akademia Na Naukite) Sofiya Vol 2 No 6 Nov/Dec 1953

SO: East European Accessions List Vol 2 No 6 Aug 1954

PLATIKANOV, N.

"Research on the Possibilities of Shortening the Sucking Period of Lambs", p. 17,
(IZVESTIIA, Vol. 3/4, 1952, Sofia, Bulgaria).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 4, April 1954.

PLATIKANOV, N.

"Growth and Development of Swiss Cattle in Bulgaria." p. 25. (DOSLMZ, Vol. 1, no. 1, Jan./Mar. 1951. Sofiya, Bulgaria.)

So: Monthly List of East European Accessions, Vol. 3, No. 5, May 1951 (unclassified).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200036-6

PLATIKANOV, N.

"New breed of cattle" (p.6) PRIRODA
(Bulgarska Akademia Accessions List Vol 2 No 6 Nov/Dec 1953)

30: East European Accessions List Vol 2 No 3 Aug 1954

PLATIKANOV, N.

"Methodology of Zootechnical and Scientific-Industrial Experiments in Feeding Livestock."
p. 99, Izvestiia, Sofiya, Vol. 5, 1954

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

PLATIKANOV, N.

"35th Decree of the Plenum of the Cattle Breeding Section of the All-Russian Lenin Agricultural Academy and the Orientation Resulting From this Decree for our Research Work in Feeding Livestock." p. 13, Izvestiia, Sofiya, Vol. 5, 1954

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

VERTIKALNO
BULGARIA/General Division - History. Classics. Personalities.

A-2

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 25680

Author : Platikanov, N.

Inst :

Title : Academician Mikhail Fedorovich Ivanov.

Orig Pub : Priroda (bulg.), 1956, 5, No 2, 87-90

Abst : No abstract.

Card 1/1

PLATIKANOV, N.; PENCHEV, KH.

"Hard cattle excrement and food leavened with yeast a sources of animal protein factor for fattening young pigs."

p. 145, (Izvestia) Vol. 8, 1957. Sofia, Bulgaria

SO: Monthly Index of East European Accessions (MIEA) 10, Vol. 7, no. 5, May 1958

PLATIKANOV, N.; IVANOV, P.; IGNATOV, I.

"The condition of breeding in the field of raising cattle and measures for its improvement."

p. 10 (Izvestia) Vol. 8, 1957. Sofia, Bulgaria

So: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

PLATIKANOV, Nikolay CHENHMEEDINE, B.; DEBAROV, M. POTTSBAROV, S.

Problem of solving the C/D and other metric problems
in determining the signal family of rats. In: Zhurnal
nauki i no. 2/1974. 1974.

1. Institute of Animal Husbandry, Krasnodar. 2. Corresponding
Member of the Bulgarian Academy of Sciences, and Member of the
Board of Editors, "Vestnik na Akademitsa na sotsializmizirane
nauki - Zhivotnovodna nauka" (for Platikanov).

Card 1/1

Platikanov, N

BULGARIA / Farm Animals. General Problems.

6-1

Abs Jour: Ref Zhur-Biol., No 23, 1958, 105617.

Author : Platikanov, N., Ivanov, P., Ignatov, I.

Inst : Institute of Animal Husbandry, Bulgarian AS.

Title : Development of Animal Husbandry (in Bulgaria)
and Measures for Its Further Advancement.

Orig Pub: Izv. In-ta zhivotnovodstvo, Bulg. AN, 1957, kn. 8,
10-36.

Abstract: No abstract.

Card 1/1

Q-2

BULGARIA/Farm Animals. Swine.

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101190

Author : Platikanov, N., Penchev, Khr.

Inst : Institute of Animal Husbandry, Bulgarian AS

Title : Cattle Feces and Fermented Feeds as Sources for Phospholipids in Fattening Immature Sows.

Orig Pub: Izv. In-ta zhivotnoidstvo. Bilg. AN, 1957, kn. 8, 145-162

Abstract: During the entire fattening period, average daily weight gains of immature sows amounted in the 1st (control) group to 527 g, in the 2nd group (which received fermented feeds) to 589 g, in the 3rd group (with feces of large horned cattle added to fodder) to 601 g, and in the 4th group (which received meat-bone flour) to 606 g. The corresponding figures for fodder expenditures per

Card 1/2

Country : BULGARIA
 Category : Farm Animals
 General Problems.
 Abs. Jour : Ref Zhurn-Biol., No 11, 1958, 96310
 Author :
 Institut. :
 Title :
 Orig Pub. :
 Abstract : areas of peas, soybeans, alfalfa, Illinois hybrid corn, etc. Attention is drawn to the necessity of selecting fodder crops according to their protein content. -- K. M. Lyutikov

Card: 3/3

Country : BULGARIA
 Category : Farm Animals.
 General Problems.
 Abs. Jour : Ref Zhur-Biol., No 21, 1959, 96610

2

Author :
 Institut. :
 Title :

Orig Pub. :

Abstract : of 20-25 percent of feed units, and even more
 so in the amount of 40-45 percent of feed units
 represents at the same time a lack of proteins.
 In Bulgaria, the deficit of fodder protein may
 be explained by the incorrect structure of
 fields which are occupied by fodder crops (with
 regard to their species as well as kinds). The
 author maintains that a feed unit of fodder
 should contain 20-25 g of digestible protein;
 he therefore recommends the extension of crop

Card: 2/3

Country : BULGARIA
 Category : Farm Animals. 2
 General Problems.
 Abs. Jour : Zool Zhur-Biol., No 11, 1958, 96810
 Author : Platikanov, N.
 Institut. : -
 Title : The Problem of Protein in the Planning of
 Improving the Feeding of Farm Animals.
 Orig Pub. : Priroda (Bulg.), 1957, 6, No 4, 9-15
 Abstract : The productivity of farm animals rises noticeably within the recent years. Thus, milk yields increased in cows from 2432 l in 1953 to 2817 l. This is due to increased fodder expenditures, including proteins. The problem of producing feeds with the largest content of proteins is raised. A physiological basis of this problem is given; the necessity of a differentiated approach in providing protein to animals of various species and lines is noted. The lack of nutritive substances in the amount

Card: 1/3

PLATIKANOV, N.

"Contribution to the question on special silos for swine."

p. 3 (Izvestiia, Vol. 9, 1958, Sofia, Bulgaria).

Monthly Index of East European Accessions (MEAI) LC, Vol. 7, No. 12, Dec. 58.

PLATIKANOV, N.

"Investigation on the ensiling of green lucerne."

p.7 (Izvestia) Vol. 7, 1956. Sofia, Bulgaria

May

SO: Monthly Index of East European Accessions (EEAI) 10, Vol. 7, no. 5, 1958

SHELUDKO, A.; YEKSEROVA, D.; PLATIKANOV, D.

Kinetics of the thinning and rupture of thin films of liquid.
Koll.zhur. 25 no.5:606-612 S-0 '63. (MIRA 16:10)

1. Institut fizicheskoy khimii Bolgarskoy Akademii nauk i Kafedra
fizicheskoy khimii Sofiyskogo universiteta.

PLATONENKO, M.A.

Accuracy of mapping soils on the basis of aerial photographs.
Pochvovedenie no.1:94-100 Ja '60. (MIRA 13:5)

1. Omskiy sel'skokhozyaystvennyy institut imeni S.M.Kirova.
(Soils--Maps)

L 17580-63 EWP(g)/EWT(m)/BDS AFFTC/ASD JD/JG

ACCESSION NR: AP3005222

S/0089/63/015/002/0138/0146

AUTHORS: Levin, V. I.; Korpusov, G. V.; Man'ko, N. M.; Patrusheva, Ye. N.; Prokhorova, N. P.; Platnov, G. F. 59

TITLE: Extraction of tetravalent cerium² with organic solvents.

SOURCE: Atomnaya energiya, v. 15, no. 2, 1963, 138-146.

TOPIC TAGS: cerium, tetravalent cerium, organic solvent, ozone, diethyl ether, nitromethane, tributyl phosphate

ABSTRACT: Authors studied the oxidation of small quantities of cerium and the mechanism of the extraction precipitation of microamounts of radioactive cerium. Authors showed that the use of ozone is most expedient for the oxidation of cerium, as it does not contaminate the solution by extraneous ions. The extraction of Ce(IV) by diethyl ether, nitromethane, and tributyl phosphate was studied, and it has been shown that in the first case, cerium is extracted as saturated cerium acid. In the latter two cases, at low HNO₃ concentrations, cerium is extracted as nitrate whereas at high concentrations it is extracted as H₂(Ce(NO₃)₆). The constants of the complex formation of Ce(IV) with the nitrate ions were estimated. Orig. art. has: 16 figures, 3 tables and 7 formulas.

Card 1/2

PLATKOV, M.A.; ILLARIONOV, V.I.; KONONOV, V.A.; KUNIN, V.S.; EVENCHIK, S.D.

Separation of sulfur from selenium in packed and plate towers, and
their efficiency. Zhur.prikl.khim. 35 no.12:2620-2624 D '62.
(MIRA 16:5)

(Sulfur) (Packed towers) (Plate towers)

PLATKOV, A., inzh.

Precast reinforced concrete one-story houses. Zhil.stroi.
no.2:10-12 F '60. (MIRA 13:5)
(Precast concrete construction)
(Architecture, Domestic)

PLATKOV, A., inzh.

One- and two-story houses built of vibrated brick panels. Zhil.
stoi. no.7:11-15 JI '60. (MIRA 13:7)
(Building blocks) (Brick houses)

PLATIL, Antonin

Suppurative lung diseases of septic origin. Cas.lek.cesk 99 no.29:
1058-1065 19 Ag'60.

1. Plicni oddeleni Oblastni nemocnice v Praze-Motole, prednosta
MUDr. A. Platil.
(LUNG ABSCESS etiol)

12

CA

Composition and nutritive value of winnower waste; simplification of the method for determination of the digestibility and nutritive value of fodder. N. Platikanov and Iv. Poppov. *Ann. Univ. Sofia, V. Faculte agron. et forest.*, Livre 1, 16, 400-20(1937); *Chem. Zentr.* 1939, 11, 552-3. --Winnower waste is a fodder for sheep, cattle and buffalo, and in exceptional cases for horses, hogs, poultry and dairy cattle. Owing to sporadic cases of poisoning, certain precautions must be taken in feeding the material. The chem. compn. fluctuates somewhat; the av. starch content is 60.6% and the digestible protein 0.8%. The relation between SiO_2 in the individual nutritive materials in the food and feces is used for detn. of the digestibility and nutritive value of the material.

G. W. Ayers

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100																									
1ST AND 2ND ORDERS																									
PROCESSES AND PROPERTIES INDEX																									
<i>The influence of nonhereditary factors on the milk yield of Bulgarian gray cattle and the methods for their elimination. N. Platikanov. Ann. univ. Sofia 12, 241-326 (327-33 in German)(1934). J. Kudera</i>																									
COMMON ELEMENTS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 1ST AND 2ND ORDERS																									
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99TH AND 100TH ORDERS																									

PLATIKANOVA, V.

1. The publication of the book "The History of the Soviet Union" by V. I. Lenin, Moscow, 1961, pp. 1-100.
2. The publication of the book "The History of the Soviet Union" by V. I. Lenin, Moscow, 1961, pp. 1-100.
3. The publication of the book "The History of the Soviet Union" by V. I. Lenin, Moscow, 1961, pp. 1-100.
4. The publication of the book "The History of the Soviet Union" by V. I. Lenin, Moscow, 1961, pp. 1-100.
5. The publication of the book "The History of the Soviet Union" by V. I. Lenin, Moscow, 1961, pp. 1-100.
6. The publication of the book "The History of the Soviet Union" by V. I. Lenin, Moscow, 1961, pp. 1-100.
7. The publication of the book "The History of the Soviet Union" by V. I. Lenin, Moscow, 1961, pp. 1-100.
8. The publication of the book "The History of the Soviet Union" by V. I. Lenin, Moscow, 1961, pp. 1-100.
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Page 1/1

MUTAFCHIEV, B.; PLATIKANOVA, V.

Kinetics of the formation of crystal nuclei in solutions.
Izv Inst fiz khim 2:57-63 '62.

PLATIKANOV, N.

SURNAME, Given Names

Country: Bulgaria

Academic Degrees: Professor

Affiliation: Member-Correspondent of the Bulgarian Academy of Sciences
(Bulgarska Akademiya na Naukite)

Source: Sofia, Priroda, Vol X, No 4, July/August 1961, pp 3-9

Data: "The Tasks and Problems of Bulgarian Animal Husbandry."

8PO 981643

PLATIKANOV, N.: SANDEV, S.

Composition, digestibility, and general food value of green alfalfa, and alfalfa hay, dried on swaths, on pyramids, and in ventilated drying rooms. p. 1

IZVESTIIA. Sofia, Bulgaria, Vol. 10, 1959

Monthly List of East European Accessions (MEAI), LC, Vol. 9, No. 2, February, 1960. Uncl.

SHELUDKO, A.; PLATIKANOV, D.

Investigating thin benzene layers on the surface of mercury. Dokl.
AN SSSR 138 no.2:415-418 My '61. (MIRA 14:5)

1. Institut fizicheskoy khimii Bolgarskoy Akademii nauk. Predstavleno
akademikom A.N. Frumkinym.
(Benzene) (Mercury)

SHELUDKO, A.; PLATIKANOV, D.

Study of thin liquid films of mercury surface. *Godishnik khim* 54
no.3:213-228 1959/60 (pub. '61) (EEAI 10:9)

(Thin films) (Mercury)

PLATIKANOV, D.; MANEV, E.

Study of thin liquid films in another liquid, a model of emulsion. Izv Inst fiz khim 4:185-191 '64.

1. Institute of Physical Chemistry of the Bulgarian Academy of Sciences.

PLATICA, D.

An always present demand: to acquire knowledge. Munca sindic
7 no.3:39-42 Mr '63.

PLATICA, D.

Reflections on public control of the social insurance activity in the
region of Galati. Munca sindic 6 no.10:37-41 0 '62.

PLATICA, D.

Socialist competition and the monthly meetings of trade-union groups. Munca sindic 7 no.11:12-16 N '63.

PIATH, E.

Curing duroplasts in the production of structural wood material. Tr. from the German. p. 132

FAIPAR. (Faipari Tudományos Egyesület)
Budapest, Hungary
Vol. 9, no.5, May 1959

Monthly List of East European Accessions (MEEI) IC, Vol. 8, no.7, July 1959
Uncl.

PLATEMOV, N. KH.

1 Jun 53

USSR/Geology - Granite

"Principal Phases in the Pavlovskiy Crystalline Mass Formation," N. Kh. Platemov

DAN SSSR, Vol 91, No 1, pp 153-156

Gives mineralogical compn of rocks of the Pavlovskiy crystalline mass located in the southeastern part of the Voronezh crystalline block, which extends along the Kursk-Voronezh, Pavlovsk-Boguchar line. Presented by Acad D. S. Belyaev (deceased)
30 Apr 53.

266T66

BANKOWSKI, Marian; MILCZAREK, Wieslaw; PLATEK, Stanislaw

Jaundice as a single symptom of late pregnancy toxemia
(gestosis). Pol. tyg. lek. 19 no.42:1618-1619 19 0 '64

1. Z Oddziału Położniczo-Ginekologicznego Szpitala w Warszawie
(ordynator: lek. med. M. Bankowski).

PLATEK, S.

Metal sheets for stamping and their management.

p. 349
Vol. 5, no. 11, Nov. 1955
TECHNIKA MOTORYZACYJNA
Warszawa

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 3
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PLATE, S.

Applying process.

p. 154 (Technika Motorycyzmu. Vol. 6, no. 1, 1958. Warsaw, Poland)

Fonthly Index of East European Accessions (EIA) in Vol. 1, no. 2,
February 1958

ILLEGIBLE

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200036-6

Library, Wiley

Paper chromatographic method for rapid detection of the main
alkaloids in tobacco. Chem anal 9 no.2:261-266 '64.

1. Central Laboratory of Tobacco Industry, Krakow.

PLATEK, Jerzy, mgr

Studies on Polish domestic tobacco. Pt. 3. Chem anal 9 no.1:
107-112 '64.

1. Department of General Chemistry, Jagiellonian University and
Central Laboratory for the Tobacco Industry, Krakow.

PLATEK, J.

POL. J

1405

614.82:631.372:629.114.2

Platek J. Safety Measures in the Transportation of Farm Workers.

"Bezpieczeństwo przewozu ludzi w rolnictwie". Ochrona Pracy.

No. 6, 1954, pp. 185-191, 11 figs.

It has of late become customary to convey farm workers in tractor-drawn trailers. Such trailers are usually intended for goods transportation, and it is therefore imperative to adapt their design to passenger conveyance. The trailers referred to by the author should be provided, in addition to such standard equipment as front seat for the driver, and brake and steps, with seats for the farm workers, collapsible ladders for mounting the trailer and signalling devices between the trailer and driver. Details are given of constructional conceptions advanced by the author.

AG

PLATEK, J.

POLAND / Laboratory Equipment, Apparatus, Their Theory, Construction and Application. F

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60791.

Author : Jerzy Platek.

Inst : -

Title : Instrument for Chromatogram Developing with Toxic Substances.

Orig Pub: Roczn. chem., 1957, 31, No 2, 685-686.

Abstract: An instrument is proposed for developing chromatograms with vapors of toxic substances. The instrument consists of two distillation flasks (DF) plugged on the top with stoppers and filled with developer solutions. Tubes thinning out into

Card 1/2

PLATEK, J

SCIENCE

PERIODICAL: ROCZNIKI CHEMII, Vol. 31, No. 2, 1957

PLATEK, J. Device for the development of chromatograms by toxic substances. p. 685.

Monthly List of East European Accession (EEAI) LC Vol, 8, No. 4
April 1959, Unclass

ZAPIOR, Bronislaw; PLATEK, Jerzy

Application of the electrometric contact method in paper chromatography of some organic acids. Roczniki chemii 33 no.4/5:1159-1165 '59.

(EEAI 9:9)

1. Katedra Chemii Ogólnej Uniwersytetu Jagiellońskiego, Kraków.
(Electrometer) (Tartaric acid) (Succinic acid)
(Chromatography) (Antimony) (Electrodes)
(Citric acid)

PLATEK, Jerzy

Nicotine in cigarettes and other domestic tobacco products in 1957. R
Rocz nauk roln. rosl 81 no.4:1109-1117 '60.

(EEAI 10:9)

(Poland—Tobacco) (Poland—Cigarette industry)
(Nicotine)

PLATEK, Jerzy

Investigations of domestic tobaccos. Pt. 1. Sand and silica in certain
domestic raw tobaccos and tobacco products. Roczniki nauki rolniczej 81
no. 4: 1097-1107 '60. (EEAI 10:9)

(Poland--Tobacco) (Sand) (Silica)

PLATEK, Jerzy; KEGEL, Marian

Increasing the exactness of determining tobacco moisture by hydrophobizing the surfaces of the apparatus. Chem anal 7 no.6:1173-1176 '62.

1. Centralne Laboratorium Przemyslu Tytoniowego, Krakow.

PLATEK, Jerzy; GLUSZEK, Stanislaw

Studies on Polish domestic tobacco. II. Rocz nauk roln rosl
86 no.2:339-349 '62.

1. Katedra Chemii Ogolnej, Uniwersytet Jagiellonski, i Centralne
Laboratorium Przemyslu Tytoniowego, Krakow.

PIATEK, J.; ZAPCOT, E.; KALITA, J.

Polycyclic aromatic hydrocarbons in the smoke of some non-cordless cigarettes.
n. 243.

ROZWIENI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 3, 1989

Monthly List of East European Accessions (MEAT) 10, Vol. 8, no. 9, September 1989.
Uncl.

MASJOR, J.; PIATEK, D.; ZGODNIAK, M.

The effect of ajmaline on the Wolff-Parkinson-White syndrome.
Kardiol. Pol. 8 no.3:185-187 '66.

MASIOR, J.; PLATEK, D.; ZGORNIAK, M.

Repeated thrombosis of the same coronary artery. Kardiol. Pol.
8 no.3:275-276 '65.

1. Z Oddziału Chorob Wewnętrznych Szpitala Powiatowego w Gorlicach
(Ordynator: dr. J. Masior).

PLATEK, Aleksander, mgr inż.

Accuracy of determination of the horizontal displacement
of points in triangular networks in the light of experimental
studies. Pt.1. Przegl geod 35 no.7:286-289 J1'63.

1. Katedra Geodezji Przemysłowej, Akademia Górniczo-Hutnicza,
Kraków.

PLATEK, Aleksander, mgr inż.

Accuracy in determining the horizontal displacement points of
triangular nets as seen in experimental investigations. Pt. 2.
Przegl geod 35 no.9:370-372 S '63.

PLATEK, Aleksander

Results of experimental studies on the accuracy of determining the horizontal point shifting of triangulation networks and precise traverses. Geod i kart 11 no.2:115-142 '62.

PLATEK, Aleksander, mgr inż.

"Geodetic measurements of deformations and their application in the construction industry" by Tadeusz Lazzarini. Reviewed by Aleksander Platek. Przegl geod 34 no.9:401-402 S '62.

PLATE. A.

Electrooptic and microwave telemeters and their application
in erodics, p. 47.

PRZEGLAD NAUKOWO-TECHNICZNY, SERIA G. Krakow, Poland.
No. 2, 1959

Monthly List of East European Accessions Index (EELI), LC, Vol. 8, No. 11,
November 1959
Uncl.

L 53002-65

ACCESSION NR: AP5010837

internal energy and entropy. For pure gutta-percha there is a decrease in entropy during elongation. Chlorination of gutta-percha causes a slight change in the transition temperature; it is equal to -55°C for pure gutta-percha and to -35°C for gutta-percha containing 13.5% chlorine. Orig. art. has: 3 figures and 2 formulas.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University)

SUBMITTED: 06Oct64

ENDL: 00

SUB CODE: MT, TD

NO REF SOV: 003

OTHER: 004

Gard 2/2

153002-65 EWT(m)/EPP(c)/EWP(j) Pc-4/Pr-4 RM

ACCESSION NR: AP5010837

UR/0020/65/161/004/0867/0870

AUTHOR: Kargin, V. A. (Academician); Plate, N. A.; Kh'yeu, T.; Shibayev, V. P.

TITLE: Thermodynamic characteristics of deformation of chlorinated gutta-percha in the highly elastic state

SOURCE: AN SSSR. Doklady, v. 161, no. 4, 1965, 867-870

TOPIC TAGS: deformation, latex, natural rubber, vulcanization, chlorination, thermodynamic characteristic

ABSTRACT: Correlation between structure irregularity of gutta-percha in the highly elastic state and its mechanical behavior was studied. Samples of pure, chlorinated, and vulcanized gutta-percha were stretched at a rate of 1 mm per minute, and at 60°, 85°, 100°, and 120°C. Effect of structure irregularity was followed on the basis of changes in internal energy and entropy per unit volume and unit of elongation. The change in fusion temperature was also followed. Structure irregularity is proportional to the amount of chlorine and sulfur introduced into gutta-percha. A 100% elongation of chlorinated gutta-percha results in an increase in the

Cord 1/2

L 27307-66

ACC NR: AP6008979

It was found that the arylated polyolefins have a greater resistance to thermo-oxidative degradation than the parent compounds. Orig. art. has: 1 table and 1 graph. 0

SUB CODE:07, 11/SUBM DATE: 25Dec64/ ORIG REF: 005/ OTH REF: 009

Card 3/3 *Jo*

L 27307-66

ACC NR: AP6008979

are presented in graphs and tables (see Fig. 1).

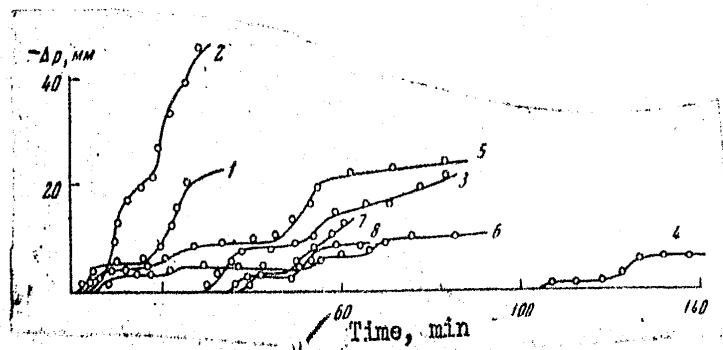


Fig. 1. Thermooxidative degradation of arylated polyolefins at an oxygen pressure of 200 mm Hg and at 200°C. 1 - polyethylene of low density; 2 - isotactic polypropylene; 3 - phenylated low density polyethylene (PE_L - 52); 4 - phenylated low density polyethylene (PE_L - 56); 5 - phenylated high density polyethylene (PE_H - 61); 6 - phenylated atactic polypropylene (PP_A - 62); 7 - phenylated isotactic polypropylene (PP_I - 76); 8 - phenylated isotactic polypropylene (PP_I - 77).

Card 2/3

L 27307-66 EWT(m)/EWP(j)/T/ETC(m)-6 IJP(c) WW/RM

ACC NR: AP600E979

SOURCE CODE: UR/0190/65/007/011/1946/1949

AUTHORS: Davydova, S. L.; Plate, N. A.; Yampol'skaya, M. A.; Kargin, V. A. 28
27
B

ORG: Institute of Petrochemical Synthesis, AN SSSR (Institut neftekhimicheskogo sinteza AN SSSP)

TITLE: Chemical modification of chlorinated polyolefins by introduction of aromatic groups

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 11, 1965, 1946-1949

TOPIC TAGS: polyethylene, polypropylene, aromatization, oxidative degradation

ABSTRACT: The reaction of chlorine derivatives of low and high density polyethylene, atactic and isotactic polypropylene, and toluene in the presence of aluminum chloride was investigated. This work was performed to establish the possibility of arylation of polyolefins by the interaction of chlorine derivatives of the latter with benzene derivatives in the presence of aluminum chloride. The reaction was carried out in dichloroethane and carbontetrachloride solution at 0°C. UV and IR spectra of the arylated olefins were determined, and the thermooxidative degradation of the polymers was investigated. The experimental results 2

Card 1/3

UDC: 678.01:54+678.743

L 8864-66

ACC NR: AP5025952

A change in the size of the spherulites greatly affected the deformation characteristics on stretching. Films containing the large 1.5 mm spherulites are brittle and weak. As the spherulite size is reduced to 20-30 microns the material becomes stronger, exhibiting high tensile strengths and large relative elongations. Orig. art. has: 1 figure.

SUB CODE: MT/ SUBM DATE: 02Oct64/ ORIG REF: 003 / OTH REF: 002

GC

Card 2/2

L 8864-66 EWT(m)/EWP(j) RM

ACC NR: AP5025952

44,53 SOURCE CODE: UR/0190/65/007/010/1665/1666

44,53 44,53 44,53
AUTHOR: Tran Kh'yeu; Plate, N.A.; Shibayev, V.P.; Kargin, V.A. 11,55

ORG: Moscow State University im. M.V. Lomonosov (Moskovskiy gosudarstvennyy universitet) 44,53

TITLE: Effect of spherulite size on the nature of the deformation of gutta percha films

SOURCE: Vysokomolekulyarnyye soyedineniya, v.7, no. 10, 1965, 1665-1666

TOPIC TAGS: rubber, solid mechanical property, elastic deformation, tensile stress, elongation, *POLYMER, SYNTHETIC RUBBER*

ABSTRACT: The dependence of mechanical properties of gutta percha films on the size of the spherulite structures in the polymer was examined using gutta percha of about 30,000 molecular weight. Spherulite formations with diameters from 1.5 mm to 30 microns were obtained by controlling the rate of solvent evaporation.

UDC 678.01:53 + 678.481

Card 1/2